

## Abstract

A method for detecting a boundary between two sequences in a  
5 wireless local area network is presented that permits rapid detection of the  
boundary. The method includes provisions for proper operation when  
significant interference and multi-path can degrade the received  
transmission significantly. Additionally, when a modification is made to the  
signaling format to signal a special enhanced mode with performance and  
10 features above those that are specified in a single technical standard, the  
method detects the boundary between sequences regardless of whether  
they have the standard format or the modified format.